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To: Examiner Keith M. George Art Unit 2663	Facsimile No.: 703/872-9306 Main No. of Receiving Firm:
From: Stephen R. Tkacs/act Date: June 15, 2005	No. of Pages Including Cover Sheet: 4 total
Message: Applicant Initiated Interview Request Form and Agenda for Telephone Interview (For Discussion Only) following.	
RE: application no. 09/925,583; docket no. AUS920010470US1	

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1-703-872-9306

PTOL-413A (09-04)
 Approved for use through 07/21/2006. OMB 0861-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 091925583 First Named Applicant: Vivek Kashyap
 Examiner: Keith M. George Art Unit: 2663 Status of Application: Office Action
issued 03.17.05

Tentative Participants:

(1) Ex. Keith M. George (2) Stephen R. Kacs, Patent Agent
 (3) _____ (4) _____

Proposed Date of Interview: 6/22/2005 Proposed Time: 2:30 (AM/PM) EST

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES

☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior	Discussed	Agreed	Not Agreed
(1) <u>102</u>	<u>1, 5, 9, 13, 19</u>	<u>AA Every</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☒ Continuation Sheet Attached

Brief Description of Arguments to be Presented:

See attached Agenda

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

[Signature]
 Applicant/Applicant's Representative Signature

 Examiner/SPE Signature

 Typed/Printed Name of Applicant or Representative

 Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Kashyap et al.

Serial No.: 09/925,583

Filed: August 9, 2001

For: Queue Pair Resolution in
InfiniBand Fabrics

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Group Art Unit: 2663

Examiner: George, Keith M.

Attorney Docket No.: AUS920010470US1

AGENDA FOR TELEPHONE INTERVIEW
FOR DISCUSSION ONLY

Sir:

I would like to request a telephone interview on June 22, 2005. Please consider the following topics for discussion:

- *Avery* teaches a TPT that maps virtual addresses to physical addresses at the source to form work queue entries for PCI DMA operations and an InfiniBand address map that associates work queue entries with regions in the PCI address space at the target.
- The Office Action alleges that the InfiniBand address map of *Avery* is equivalent to the claimed queue-pair-number map. However, the InfiniBand address map of *Avery* merely maps work queue entries in the target channel adapter with regions in the PCI address space. *Avery* does not teach that the InfiniBand address map is used by a client to look up a queue pair number of a service.
- The Office Action also alleges that a work queue entry is equivalent to looking up the queue pair number associated to the requested service. Applicants respectfully disagree. In order for a work queue entry to be sent from the host channel adapter to the target channel adapter in *Avery*, the host must know the queue pair number of the target. *Avery* is concerned with mapping between work queue entries and PCI address spaces, not with mapping services with queue pair numbers, as in the claimed invention.

- The Office Action alleges that the Remote Key, or R-Key, of *Avery* is equivalent to replying with the address of the node hosting the requested service and the queue pair number associated with the requested service. Applicants respectfully disagree. The R-Key of *Avery* is used by the host channel adapter to select appropriate page tables for translating virtual memory addresses to physical memory addresses. The R-Key is assigned when the nexus driver reserves memory space for the PCI operations, not responsive to a service request from a client. See *Avery*, col. 9, lines 21-30. The R-Key of *Avery* also does not include an address of a node hosting a requested service and a queue pair number associated with the requested service, as recited in claim 1, for example.
- *Avery* is silent as to well-known queue pair numbers, well-known ports, and sending a reply to a client where the reply includes attributes necessary for communication with a requested service. As such, the Office Action does not establish a *prima facie* case of anticipation for claim 5, for example.

The Examiner is invited to call at the below-listed telephone number to confirm or reschedule the requested telephone interview.

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